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## AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

### LISTING OF CLAIMS

1. (Currently Amended) A positioning system ~~for determining~~that determines a position of a positioning terminal, the system including a plurality of first signal sources each emitting a respective first signal, and one or more second signal sources each emitting a respective second signal, the first signals being synchronous with a reference time and the second signals being non-synchronous with the first signals, ~~for that~~, based on a signal propagation time and signal propagation speed of the first signals, ~~determining~~determines a distance from the positioning terminal, said positioning system comprising:

a measurement device ~~for receiving~~that receives the first signals from the first signal sources to determine a position P of the measurement device and a time of measurement when the measurement device receives the first signals and ~~for that~~, based on the time of measurement, ~~measuring~~measures a receiving time (TR), based on the reference time, of a predetermined event of the second signals;

a control device ~~for determining~~that determines a signal propagation time (t) between the measurement device and one of the second signal sources by calculating a relative distance |P-Q| between the measurement device and the one second signal source based on the position P measured by the measurement device and a position Q of the one second signal source and by dividing the resulting distance by the signal